

High-level hydrogen purification for power to gas

Innovative products around technical gases

ReiCat is the leading company for gas purification and gas recycling. With decades of experience behind us, we develop and produce equipment to efficiently remove all impurities from Hydrogen.

Your application

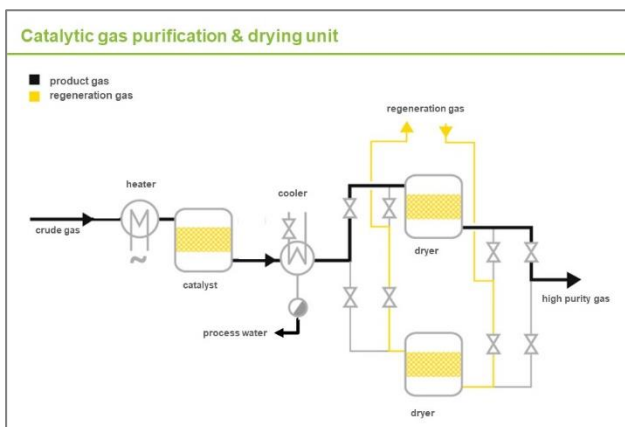
- Chlorine-alkali electrolysis
- Membrane electrolysis
- Water electrolysis
- Fuel cells
- H₂ mobility
- H₂ service stations
- H₂ filling stations

Our solution

- Catalytic adsorptive hydrogen purification
- Safe and efficient production of high purity gas
- Operating pressure range from atm. up to 400 bar g
- High flex technology, ideal for volatile current flows resp. volume flows

Your advantages

- ☑ Gas purity higher than 99.999%, 5,0 quality
- ☑ Optionally: 6,0 quality
- ☑ Compliance with SAE J2719 (H₂ for mobility)
- ☑ No losses
 - Regeneration in a closed circuit
 - no emissions
- ☑ Low energy consumption
- ☑ No rotating parts
 - low running costs
 - low maintenance
 - high availability
- ☑ Easy integration into your gas supply concept
- ☑ Short amortization period
- ☑ Long lifetime
- ☑ Optional application: Hydrogen recycling
- ☑ Compliance with the requirements of explosion protection according to ATEX
- ☑ Operation control by remote control



Simplified diagram of hydrogen purification



Hydrogen purification – H₂ filling stations

WEITERE INFORMATIONEN FINDEN SIE UNTER:

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